UNCLASSIFIED

DOD Levels of Information Systems Interoperability (LISI) Consortium Meeting

"Empowering the Front-End of Interoperability Assessments"

Mr. Ned B. Roper, Chief

Technical Interoperability Assessment Branch (IN11)

8/28/02

(703) 681-2603//2617//2564

LISI Consortium Meeting Purpose

Present and discuss with LISI Consortium Members DISA's continued efforts to better provide DoD with the technical sophistication needed to support the J6, Components/PM, individual NSS & ITS Requirements and DISA with a technical interoperability evaluation to empower the current front-end assessment process provided by the Joint C4I Program Assessment Tool (JCPAT).

LISI Consortium Meeting Agenda

0830-0900	Doors open	
0900-0910	Welcome and Opening Remarks	*Mr. Ned Roper*
0910-1000	DISA Overview	*Mr. Ned Roper*
1000-1015	Break	
1015-1115	LISI Inspector Way Ahead	*Mr. Ned Roper*
1115-1145	LISI Inspector Demonstration	*Ms Krista Goodman*
1145-1200	Wrap-up of morning session	*Mr. Ned Roper*
1200-1300	Lunch	
1300-1330	Security	*Ms Krista Goodman*
1330-1415	MITRE LISI Inspector Update	*Mr. Donald Zugby*
1415-1430	Break	
1430-1500	Meeting wrap up and closing remarks	*Mr. Ned Roper*·

LISI Consortium Meeting
DISA Overview

IN11 Mission & Functions

- **Within DISA, IN11 acts as the *focal point* on all matters involving the *Interoperability and Supportability Assessments* of National Security Systems and Information Technology Systems (NSS & ITS) *in accordance with appropriate DOD, Joint Staff and DISA policies.***

- **Act as the *DOD focal point*, in support of OASD(C3I), the Joint Staff (J8 & J6) and DISA with the development, operation and management of the Joint C4I Program Assessment Tool (JCPAT), which includes *the formal release of all DISA assessment comments.***

Investigate future capabilities for an effective and efficient "Way Ahead" for evaluating Interoperability and Supportability prior to the JITC Interoperability Test Certification

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DISA Overview

GOAL

Provide timely and useful interoperability tools and products that will enhanc DoD's view of interoperability during the Lifecycle of Requirements.

Key Consideration Points

Improved Lifecycle Interoperability is dependent upon bringing together a cohesive process that provides for interoperability & supportability evaluation at the right time with the right set of powerful, user friendly, products and tools. Beginning with early requirements identification, JCPAT registration, through IT standards profiles/standards descriptions and technical architectures selection, and along with an *evaluation of Interoperability and Supportability prior to JITC's Interoperability Test Certification.*

The J6 Interoperability Requirements Certification Assessment Process (via JCPAT) must be empowered to assist the developer and quickly allow PMs to formulate and validate interoperability between their systems and others with which they must operate.

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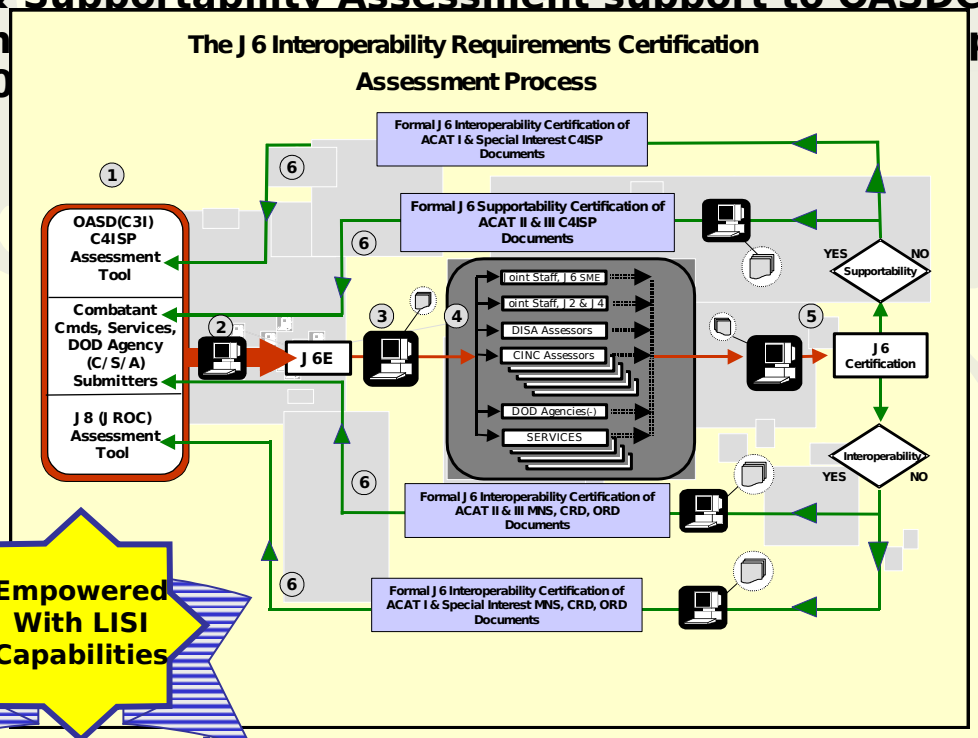
DISA Overview

What "Front-End' product/tool is available to DoD today…

JCPAT – A Defense Information Systems Agency (DISA) developed, operated and maintained suite of web based software applications that provide *secure* Joint Interoperability & Supportability Assessment support to OASDC3I and JS (J8, J6) on all NSS/ITS Requirem proved IAW DODI 4630.8, DOD 5000


The J 6 Interoperability Requirements Certification Assessment Process
Formal J 6 Interoperability Certification of ACAT I & Special Interest C4ISP Documents
Formal J 6 Supportability Certification of ACAT II & III C4ISP Documents
OASD(C3I) C4ISP Assessment Tool
Combatant Cmds, Services, DOD Agency (C/S/A) Submitters
J 8 (J ROC) Assessment Tool
J 6E
Joint Staff, J 6 SME
Joint Staff, J 2 & J 4
DISA Assessors
CINC Assessors
DOD Agencies(-)
SERVICES
YES
NO
Supportability
J 6 Certification
Interoperability
YES
NO
Formal J 6 Interoperability Certification of ACAT II & III MNS, CRD, ORD Documents
Formal J 6 Interoperability Certification of ACAT I & Special Interest MNS, CRD, ORD Documents
Empowered With LISI Capabilities

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DISA Overview

What products and tools are IN1 focusing on for DoD…

•NSS and ITS Registration - DISA's implementation of a JCPAT Registration Number for accurate and efficient tracking in the J6 Interoperability Requirements Certification Assessment Process (JCPAT) and future products and tools.
STATUS: DEVELOPMENTAL

•Virtual JTA – Online web availability of the minimal set of information technology standards adopted by Service, Agency, and Combatant Command consensus. [DoD Approved. IAW DODI 4630.8] STATUS: COMPLETED

•LISI Inspector - A web-based tool for capturing, manipulating, and analyzing NSS and ITS characteristics in context with any x-y coordinate-based reference model.

✓**Pre- J6 Interoperability Requirements Certification IER Crosswalk-** Coordinating/developing the "way-ahead" for JFCOM/ Requirements Generators (Service, Agency, and Combatant Command) to gradually accept and support the use a LISI IER Crosswalk capability (TBD) that will also allow PMs to quickly formulate and validate interoperability between their system and others by evaluating Information Exchange Requirements (IER).

✓**Pre- J6 Interoperability Requirements Certification NSS & ITS Profiles –** Coordinating/developing the "way-ahead" for Requirements Generators (Service,

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Recent Coordination Efforts

- May - July. Joint Staff J-6 - JCPAT Empowerment & DPG Study 9.
- 18 July. ASD(C3I), Carl Little - JCPAT Empowerment.
- 24 July. ASD (C3I), Truman Parmele - JCPAT Empowerment.
- 20 Aug. JFCOM - JCPAT Empowerment, Support of an IER Crosswalk Capability.
- May-August. Mitre – LISI Inspector, Security, CONOPS and other issues.

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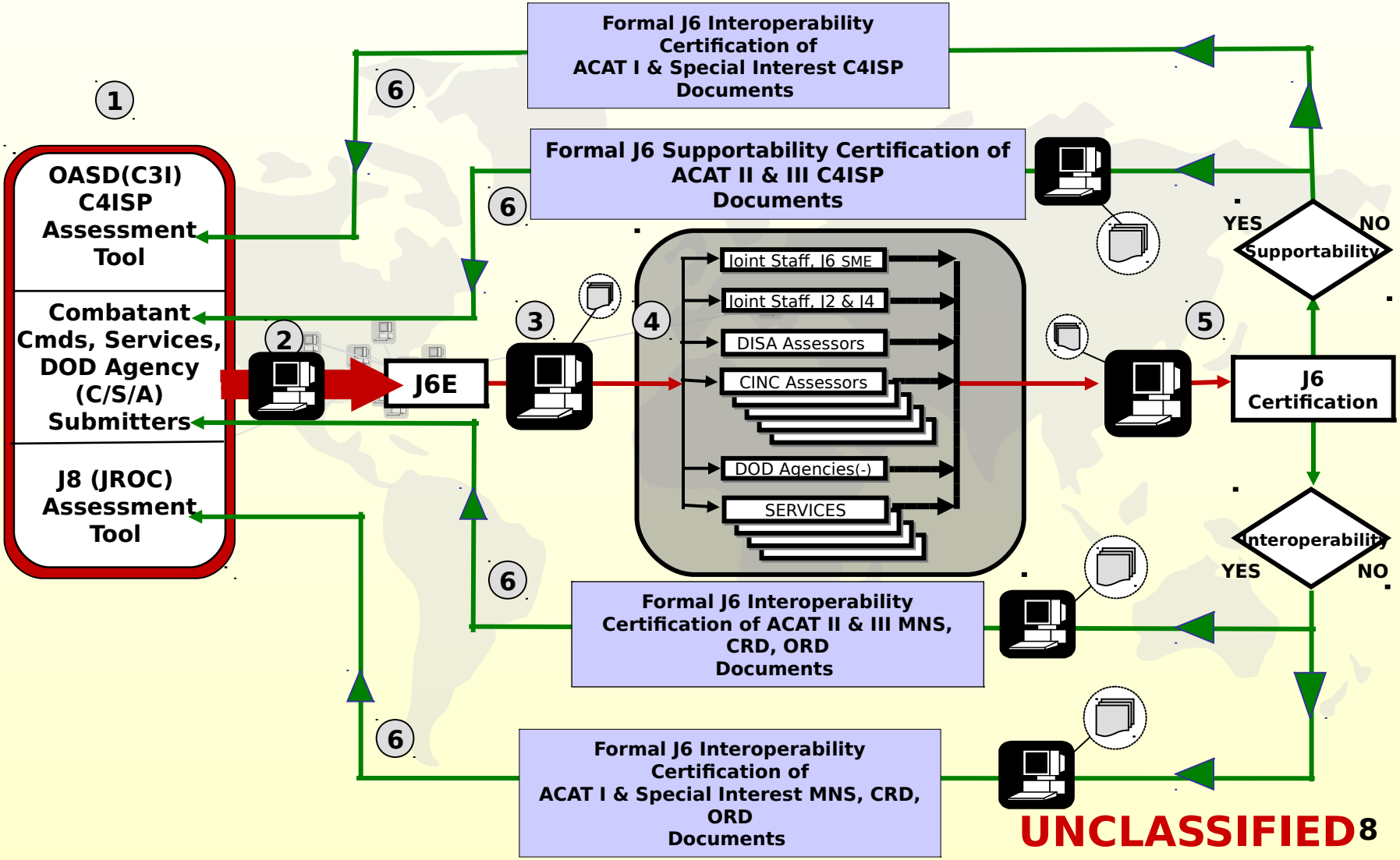
LISI Inspector Way Ahead

J6 Interoperability Requirement Assessment Process



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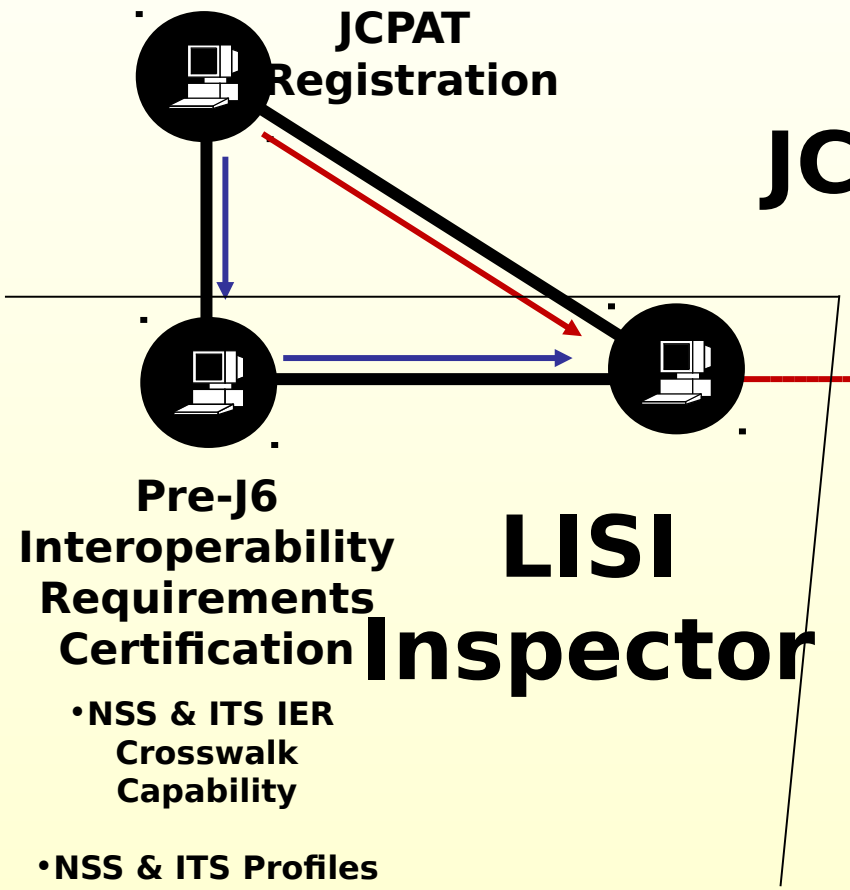
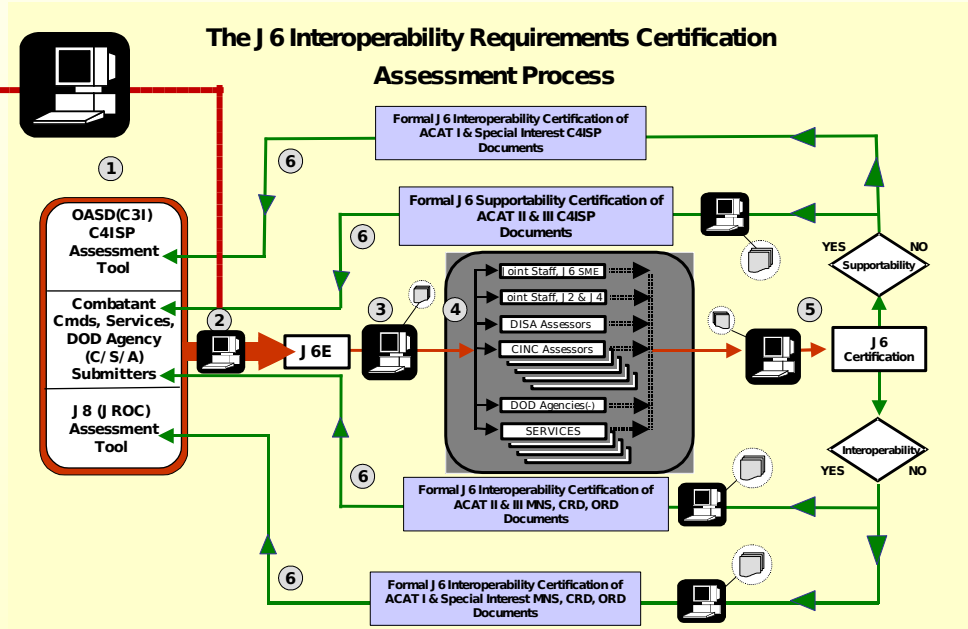
Empowering the Front-End

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Supportability
YES
NO
J 6 Certification
Interoperability
YES
NO

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LISI Inspector Security

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- **Issue**
  - **Classification of aggregate data**
- **Potential Solutions**
  - **SIPRNET**
  - **Windows 2000/IIS 5.0/SSL**
  - **New account protocols**

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Special Notifications

- **To the PM:**

"This serves as notification to the project POC that the LISI Inspector Tool contains sensitive data, and the project POC will ensure that the requestor has the appropriate clearance (can vouch for the requestor) and need-to-know before an account is created."

- **To the User:**

"This serves as notification to the user that the LISI Inspector Tool contains sensitive data, and the user will regard any assigned password as SENSITIVE. Passwords shall be used solely by the originating requestor of the account; sharing of passwords could result in account termination."

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LISI Inspector Update

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Meeting Closeout/Remarks

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Review/Comments Requested

- LISI Configuration Management Plan
- LISI Concept of Operations

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BOTTOM LINE

- **DISA is committed to provide DoD with powerful, user friendly, products and tools necessary to support the J6, Components/PM, individual NSS & ITS Requirements and DISA with technically sophistication to adequately perform Pre-J6 NSS & ITS Interoperability Requirements Certification assessment.**
- **Request your support to empower JCPAT and the J6 Interoperability Requirements Certification Assessment Process by accepting and promoting:**
  - **JCPAT Registration of NSS and ITS (JCPAT)**
  - **Pre- J6 Interoperability Requirements Certification IER Crosswalk (LISI)**
  - **Pre- J6 Interoperability Requirements Certification NSS & ITS Profiles (LISI)**

DEFENSE INFORMATION SYSTEMS AGENCY